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ABSTRACT

This booklet, designed for ages 6-8, is the second in a series designed to help teachers develop a more positive and creative approach to giving work on mathematics skills to children. It is based on objectives concerning creativity, fostering independent thinking, using experiences, using mastery, reinforcing previously learned skills, emphasizing choices and following directions, encouraging divergent thinking, and developing concepts. Each of the 39 pages may be reproduced by the teacher for student use. An answer key is included. (MNS)

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THE MATH MASTER

Level 2

by
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Cover by Kathryn Hyndman

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Table of Contents

Introduction iv
Number Jumble 1
As Easy as Pie 2
Math Match 3
Number Soup 4
Sore Thumb 5
Animals Can Be Fun! 6
Fire Your Rockets 7
Secret Code 8
Shapes 9
Buying 10
Four Fruit Flavor Favorites 11
The Time of Your Life 12
Patterning 13
Graph Math 14
A Pleasure to Measure 15
Mend a Broken Heart 16
As the Crow Flies 17
Time to Tell Time 18
Blooming Blooms 19
Saturday 20
Schools Are for Fish 21
Candy! 22
Misteaks 23
Exploring in Math 24
The Thinker 25
Clown a Round 26
It's A-maze-ing 27
You're the Cook 28
Wait to Be Weighed 29
Balloon Man Math 31
Bank on It! 32
The Puzzler 33
Caution — Students at Work 34
Dart Chart 35
Homework 36
Do Your Own Thing 37
Super Specials 38
Task Master 39
Answers 40

Introduction

Workbooks can become boring and tedious. I hope this series can provide you with an exciting and enthusiastic approach to learning. As Jerome Bruner has said, "We often give children cut flowers instead of letting them grow their own."

It is my hope as the writer that these books will be the tools by which teachers can develop a more positive and creative approach to giving work. It is only with happy, self-confident children that learning can constantly take place, and good materials are only one key to each child's success.

Each child may need different paths to learning. There are better ways than others. This series has as its objectives:

- creativity
- fostering independent thinking
- using the child's experience
- using mastery as the key
- reinforcing previously learned skills
- emphasizing the making of choices and the following of directions
- letting the child use divergent thinking rather than convergent thinking
- initiating several concepts on each page so that a teacher may work in a certain area, for example, visual perception skills and numerical recognition

Let the child expand his/her thinking and learning with challenge. Let the child learn to enjoy learning.

NUMBER JUMBLE

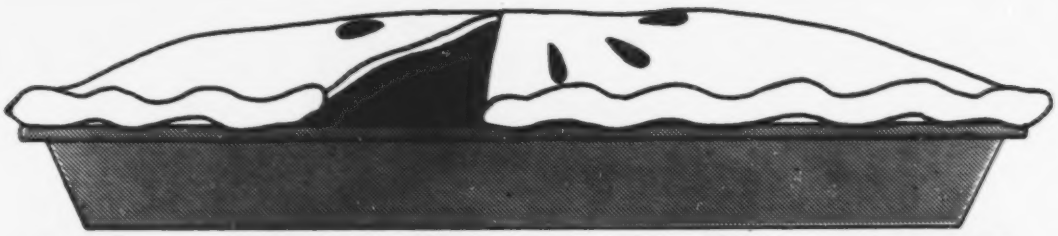
Look closely. See how many of each number you can find.

For example:

How many 0's, 1's, 2's, 3's,...?

NAME _____

NAME



AS EASY AS PIE

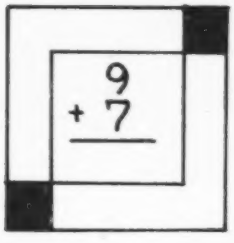
Draw a line from each problem to the correct answer in the center of the page.

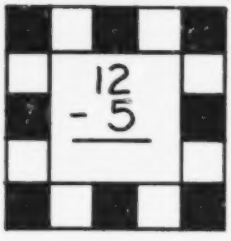
5+4 = ●		● = 5+6
2+8 = ●	6	● = 2+7
4+2 = ●	11	● = 4+1
5+3 = ●	7	● = 5+2
2+9 = ●	9	● = 3+7
6+4 = ●	5	● = 8+1
4+3 = ●	8	● = 4+4
3+2 = ●	10	● = 7+4
3+3 = ●		● = 2+6

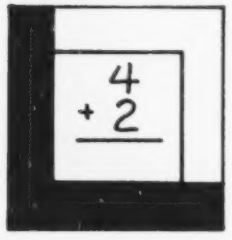
MATH MATCH

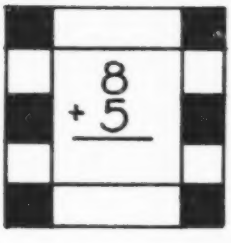
Find the squares that match, and draw a line connecting them; then answer the problems.

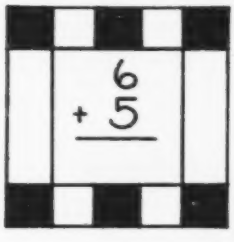
NAME _____

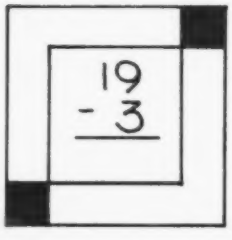


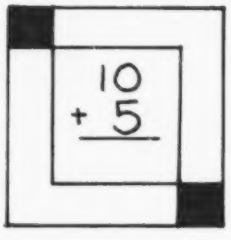


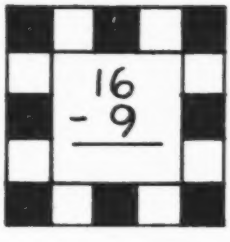


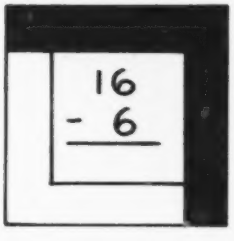


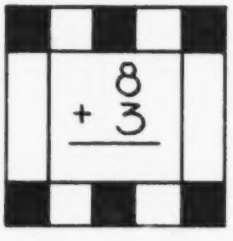


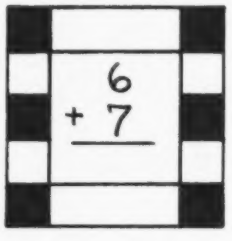


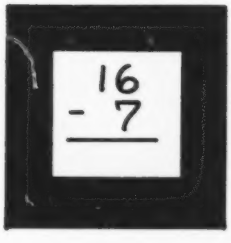


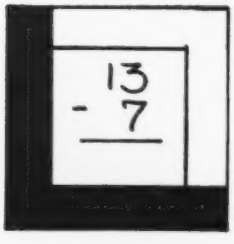


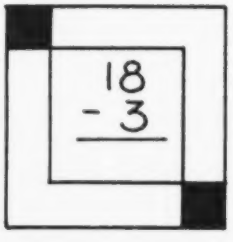


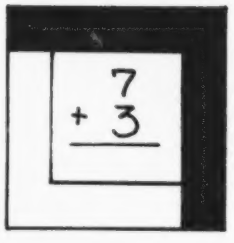








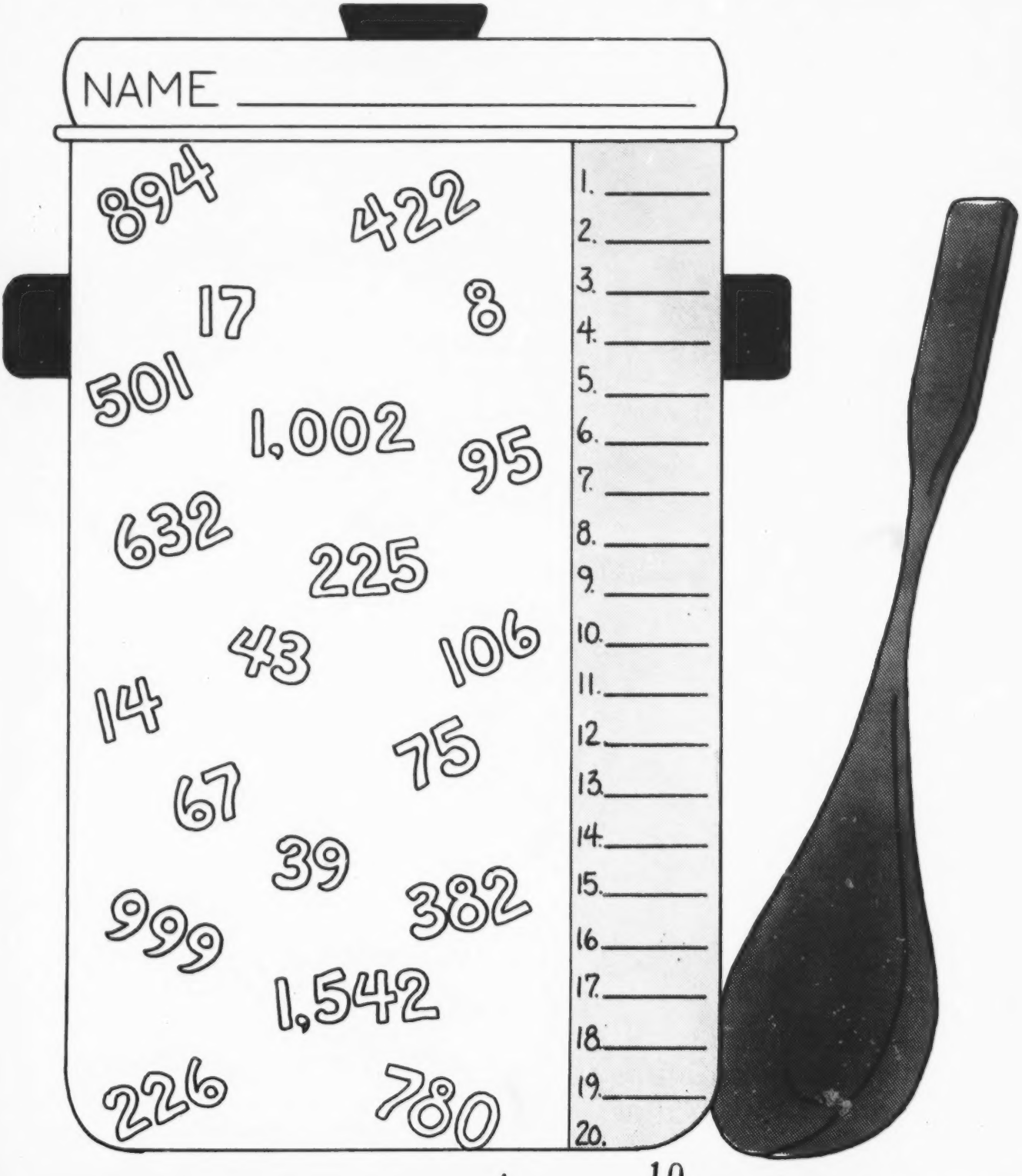




Draw a square to match one of the above; then write a problem to insert within the square (don't forget that shapes and answers match).

NUMBER SOUP

In the kettle is a hearty soup. Spoon out the numbers and put them in order from least to greatest.



Sore THUMB

NAME _____

In each row there is a problem that doesn't belong, like a sore thumb. Work each problem and cross out the one that does not belong.

9 + 7 =	5 + 11 =	7 + 8 =	8 + 8 =	10 + 6 =
2 + 9 =	7 + 4 =	8 + 3 =	9 + 3 =	6 + 5 =
8 + 6 =	7 + 7 =	9 + 5 =	8 + 4 =	13 + 1 =
8 + 5 =	2 + 11 =	6 + 7 =	5 + 7 =	9 + 4 =

NOW, YOU MAKE A ROW! DON'T FORGET THE SORE THUMB!

ANIMALS CAN BE FUN!

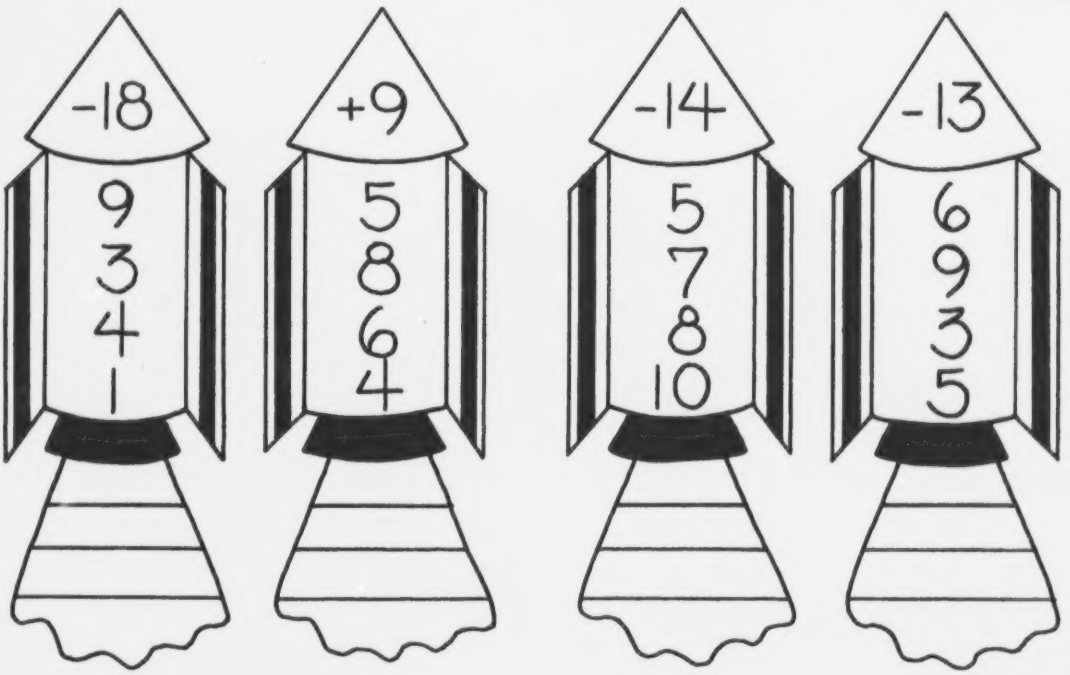
FIGURE ME OUT!

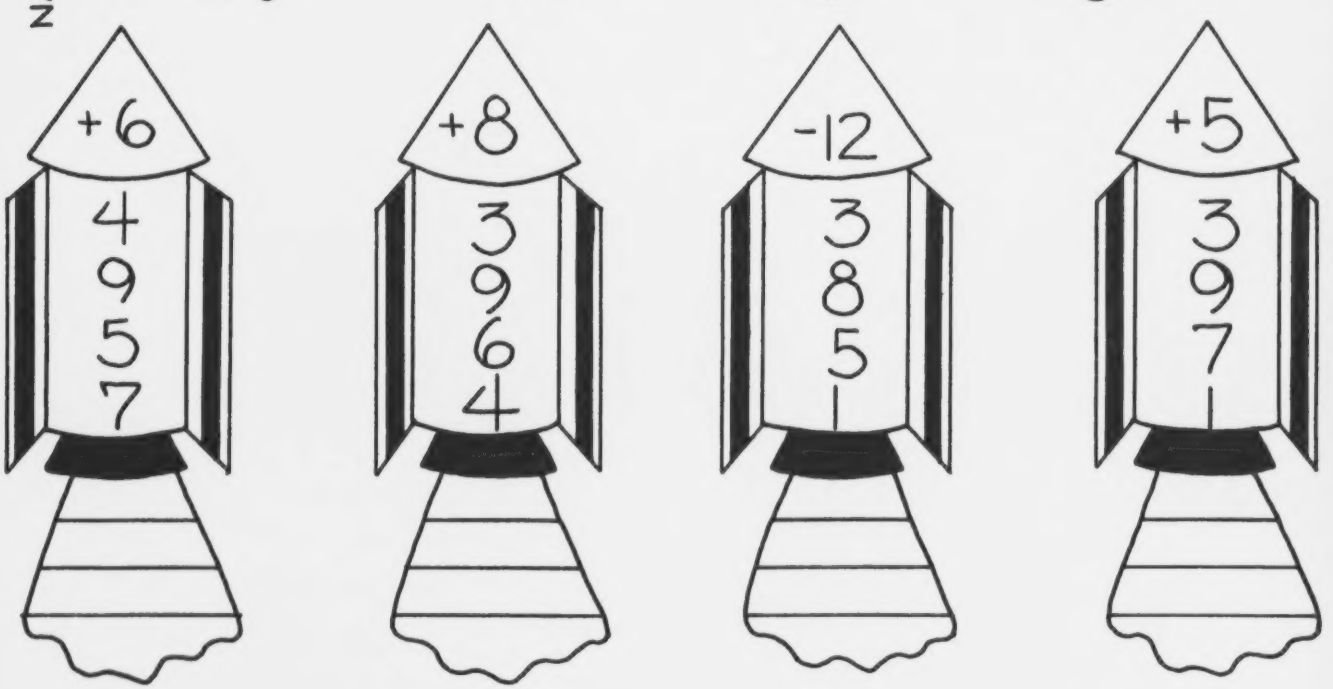
NAME _____

FIRE YOUR ROCKETS

EACH ROCKET HAS FOUR PROBLEMS.
TRY AND FIGURE OUT WHAT TO DO! BLAST OFF!

NAME _____





SECRET CODE

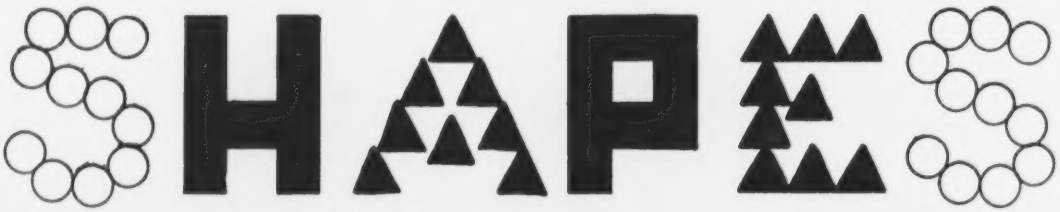
SOLVE THE SECRET CODE!

6+9				
7+3	13-9	8+7	22+2	16-□=8
6+4	12-8	20-5	□-4=7	
9+□=11	8+5	20-10	7-3	
□+9=12	15-9	11-5	14-6	
9+4+2	8+3			
18-9	8+9	5+5+10+4		

NAME _____

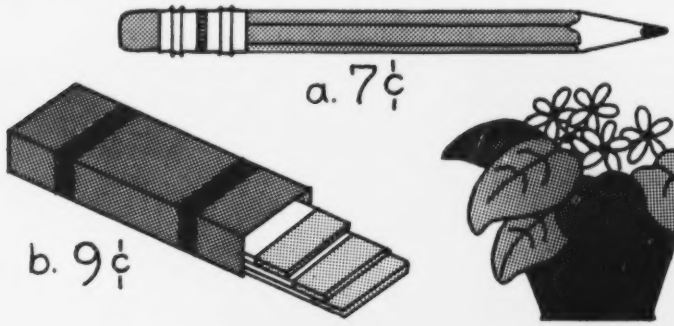
a	b	c	d	e	f	g	h	i	j	k	l	m	n
13	3	1	18	23	9	20	4	15	5	8	12	2	24
	o	p	q	r	s	t	u	v	w	x	y	z	
	6	7	14	26	11	10	17	25	21	16	22	19	

NAME _____



Be creative! Using rectangles, squares, triangles, circles, and ovals, create a picture of yourself doing something.

NAME _____



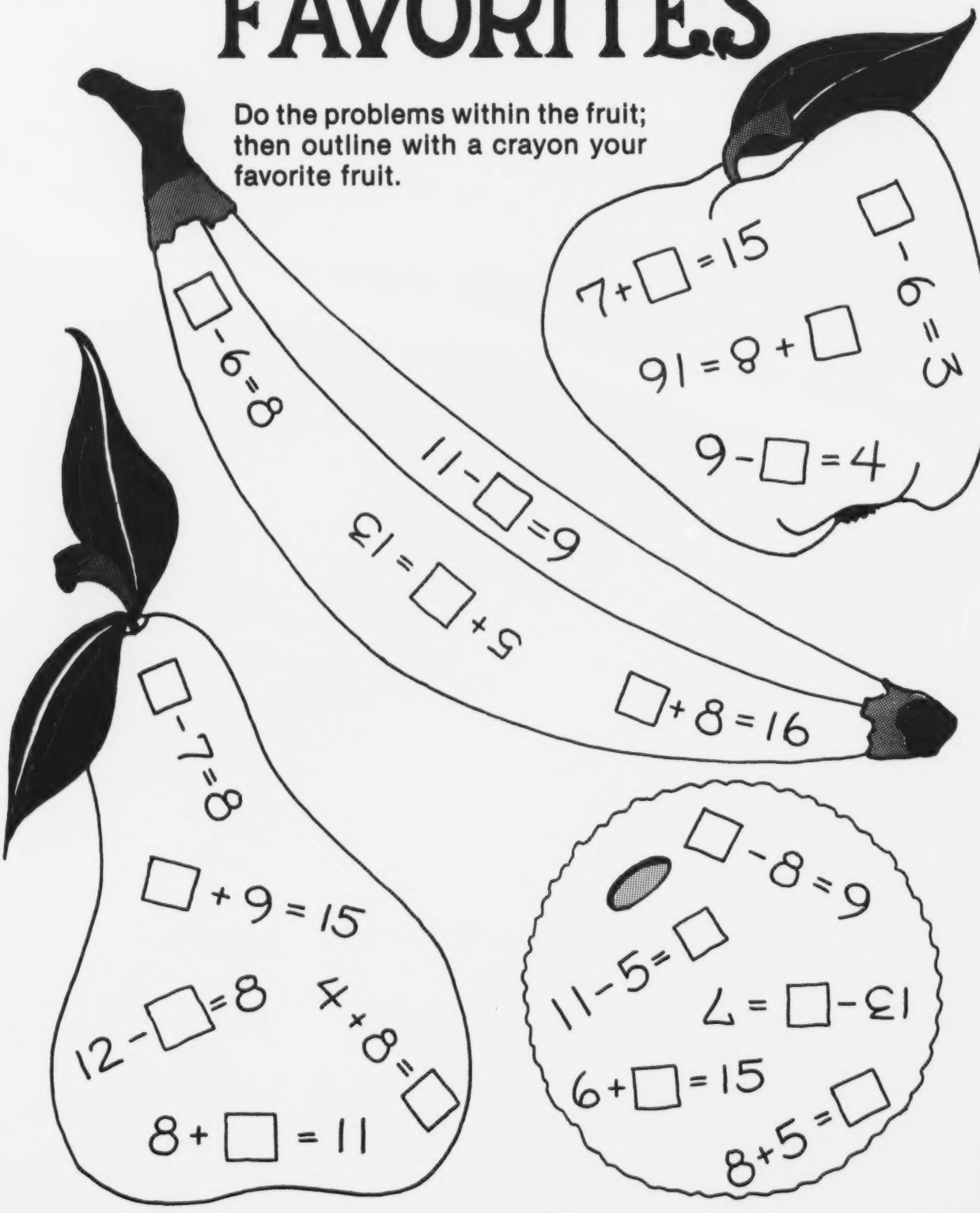
Here is what you can buy. Figure out how much money you have. Then figure out what two things you can buy. Write the letters.

1.	(25) (10) (5)	____¢	____ and ____
2.	(10) (10) (10) (5) (1) (1)	____¢	____ and ____
3.	(5) (5) (5) (1) (1) (1) (1)	____¢	____ and ____
4.	(10) (5) (1) (1) (1) (1) (1) (1) (1)	____¢	____ and ____
5.	(25) (5) (1) (1)	____¢	____ and ____
6.	(10) (5) (5) (1) (1) (1) (1)	____¢	____ and ____
7.	(5) (5) (5) (1)	____¢	____ and ____
8.	Now buy three things. (25) (10) (5) (1)	____¢	____, ____ and ____

NAME _____

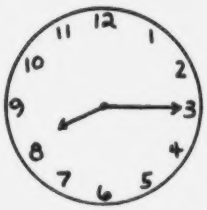
FOUR FRUIT FLAVOR FAVORITES

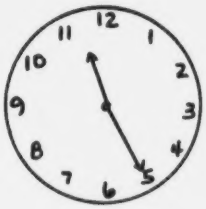
Do the problems within the fruit; then outline with a crayon your favorite fruit.

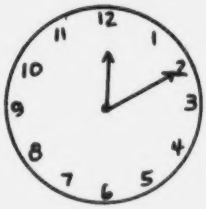


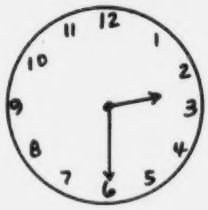
NAME _____

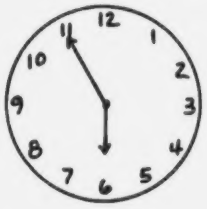
THE TIME OF YOUR LIFE

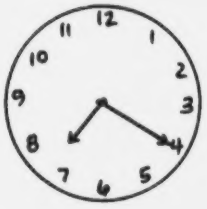
a. 

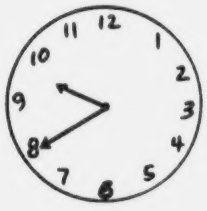
b. 

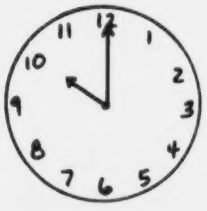
c. 

d. 

e. 

f. 

g. 

h. 

	Time	What are you doing at this time?
a.		
b.		
c.		
d.		
e.		
f.		
g.		
h.		

PATTERNING

Patterns are all over the page! Complete each one.

a. 90, 89, 88, ___, ___, ___

b. 57, 58, ___, ___, ___, 61, ___

c. ___, ___, ___, 13, 14, ___, ___, 16

d. 137, 237, 337, ___, ___, ___, ___

e. 392, 393, 394, ___, ___, ___, ___

f. 801, 791, 781, ___, ___, ___, ___

g. 866, 865, ___, ___, ___, ___, 868

h. ___, 100, 150, 200, ___, ___, ___

i. 438, 440, 442, ___, ___, ___, ___

j. ___, ___, ___, ___, 766, 756, 746

k. 898, ___, ___, ___, 901, 902

l. 101, 102, 103, ___, ___, ___, ___

Name _____

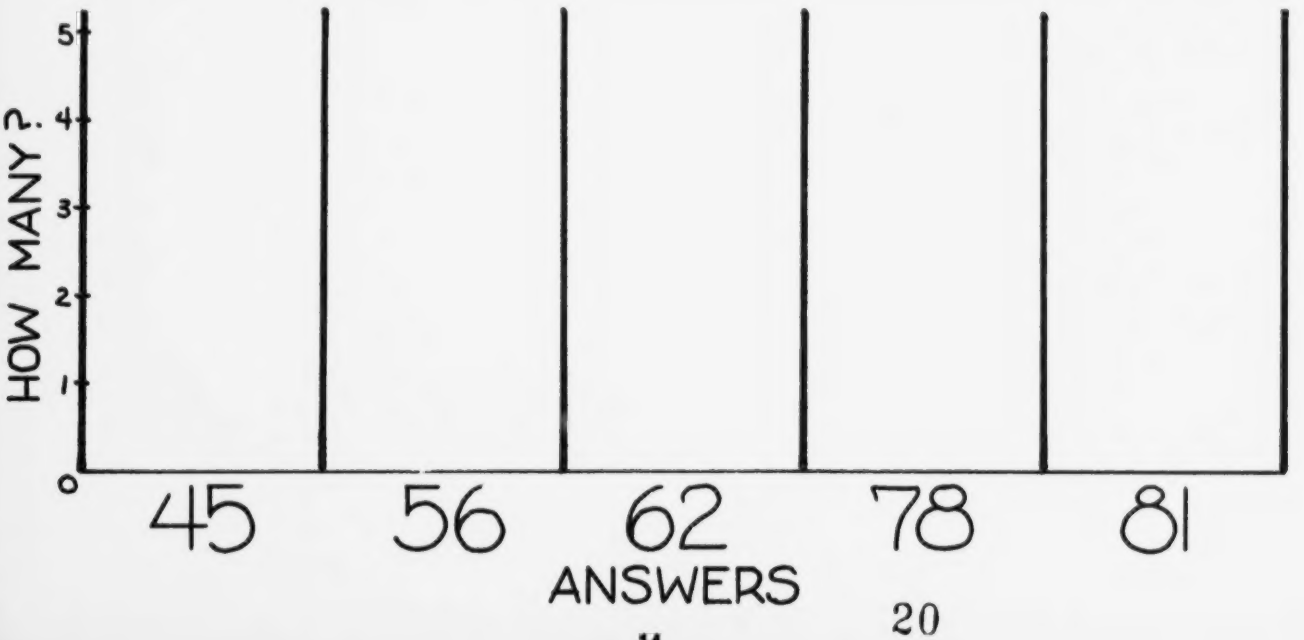
NAME _____

GRAPH MATH

Answer the problems below.

22 + 40 =	51 + 17 =	17 + 28 =	23 + 22 =	65 + 16 =
37 + 44 =	25 + 23 =	35 + 27 =	19 + 59 =	29 + 27 =
44 + 34 =	9 + 36 =	41 + 15 =	23 + 58 =	19 + 43 =

Now graph the answers!



A PLEASURE TO MEASURE

NAME _____

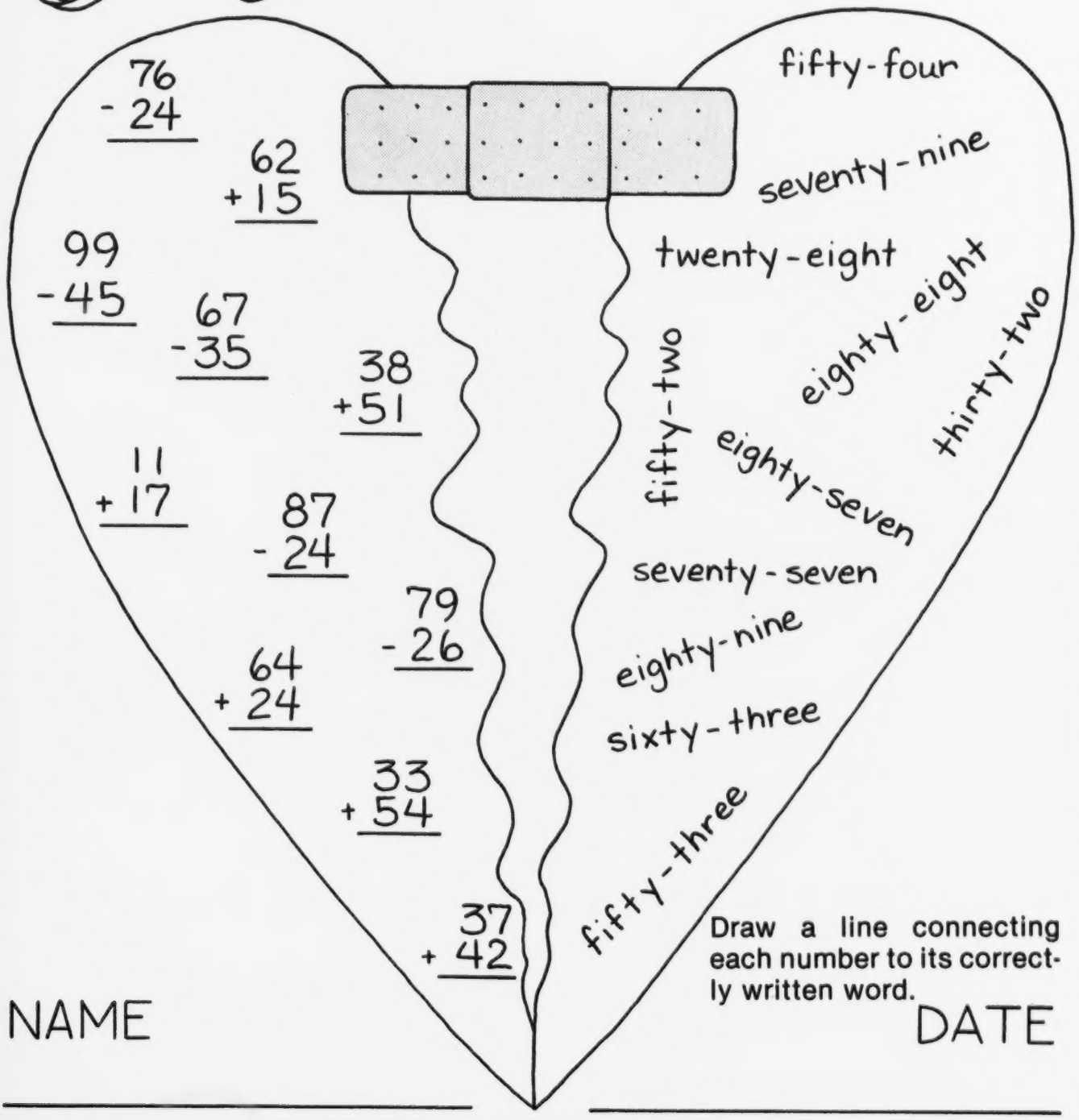
How wide is the gate? _____ in. _____ cm

How tall is the tree? _____ in. _____ cm

How high is the house? _____ in. _____ cm

How tall is the door? _____ in. _____ cm

MEND A BROKEN Heart



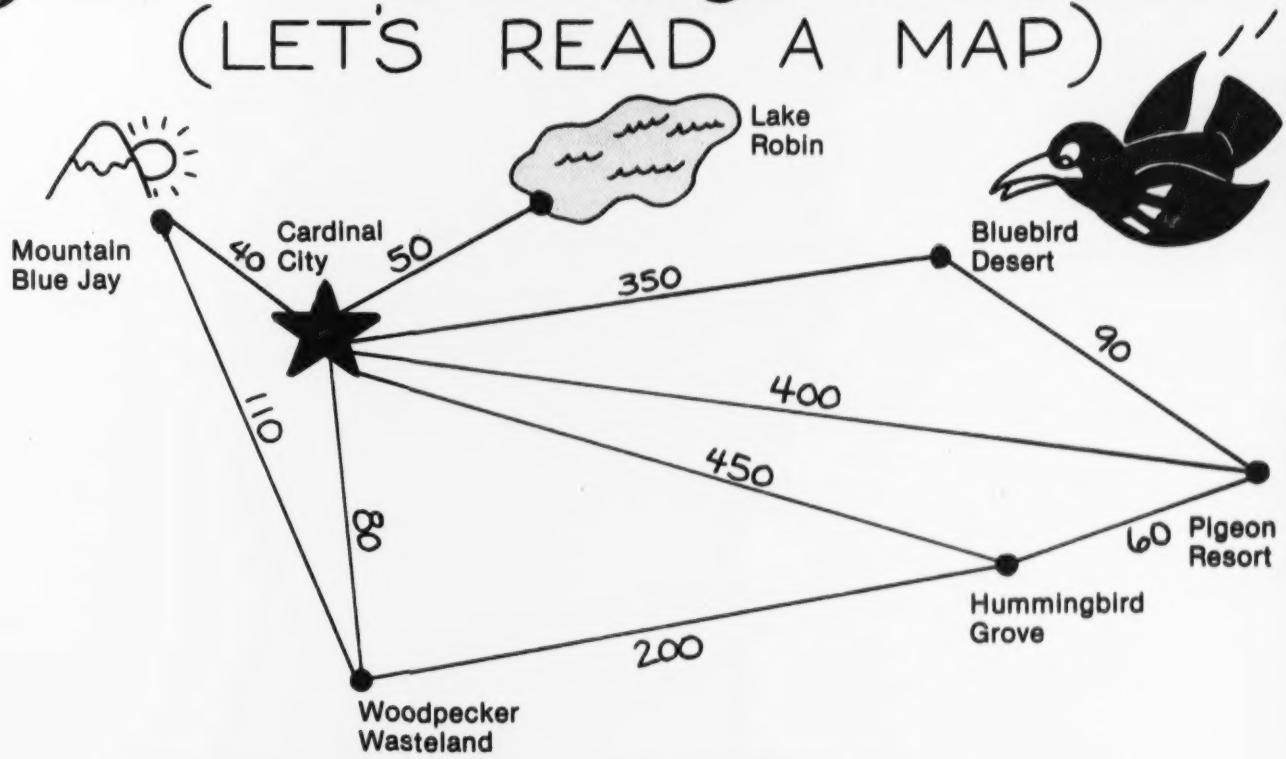
Draw a line connecting each number to its correctly written word.

NAME _____

DATE _____

AS THE CROW FLIES

(LET'S READ A MAP)



In the following problems, figure the shortest routes.

1) Carl Crow took a trip from Woodpecker Wasteland to Mountain Blue Jay and then to Cardinal City. How far did Carl travel? _____

2) Stephen Seagull took his family to Pigeon Resort from Lake Robin. How many miles did his family go? ____ What city did they have to go through? _____

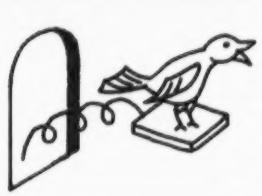
3) Wanda Waxwing went from Bluebird Desert to Hummingbird Grove. What was the shortest route? _____ How many miles? _____

4) Sally Sparrow decided to go around the map. She started at Lake Robin. From there she went to Mountain Blue Jay to Woodpecker Wasteland and then home again a different way. What route did she take home? _____ How many miles did she travel in all? _____

NAME _____

NAME _____

TIME TO TELL TIME

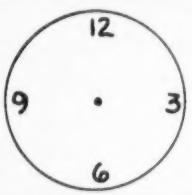


There are six clocks, each missing something different. Draw in the hands and the appropriate times, plus any other necessary information. Then draw lines matching the times on the right with those on the left.

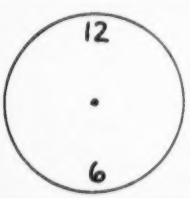
11:30

7:05

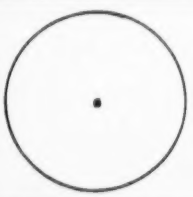
12:50



1:45



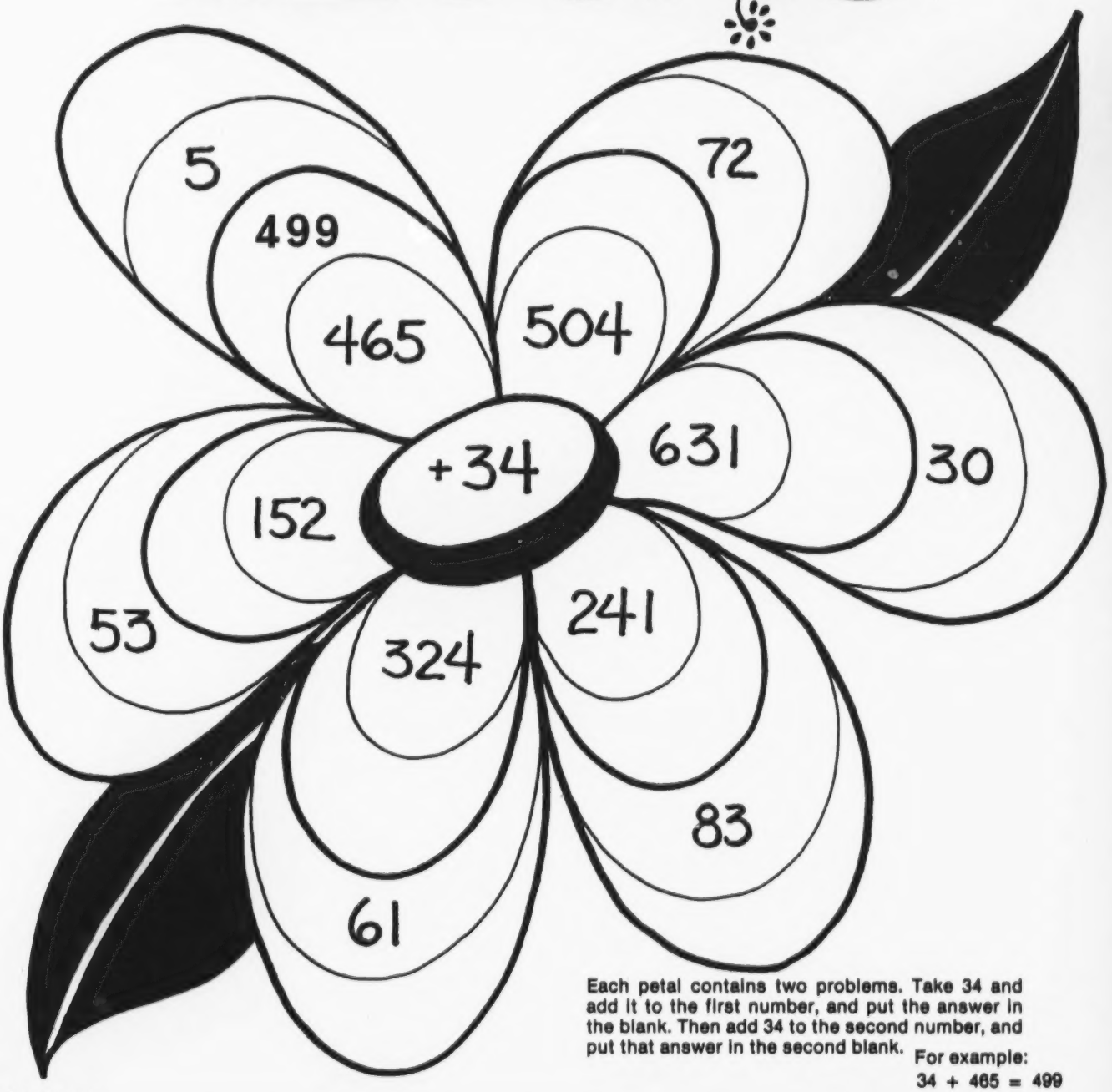
5:10



5:55

- five minutes to six
- ten minutes after five
- five minutes after seven
- ten minutes to one
- eleven thirty
- quarter to two

BLOOMING BLOOMS



Each petal contains two problems. Take 34 and add it to the first number, and put the answer in the blank. Then add 34 to the second number, and put that answer in the second blank.

For example:
34 + 465 = 499

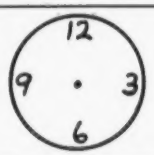
NAME _____

SATURDAY

Fill in with clocks and money. Draw the coins and subtract.

At 8:00 on Saturday , you started with 75¢

(draw the coins) _____.

You went shopping with Mom at 10:30. 

You spent 10¢ _____.

You now have left _____ ¢.

At 11:45 you met your friend for a hot dog.

You spent 34¢ _____ with tax. Now you

only have _____¢ left.

You went to the roller skating rink at 1:05,

and you spent 30¢ _____ on shoes.

When you came home at 2:05

how much money did you have left? _____ ¢

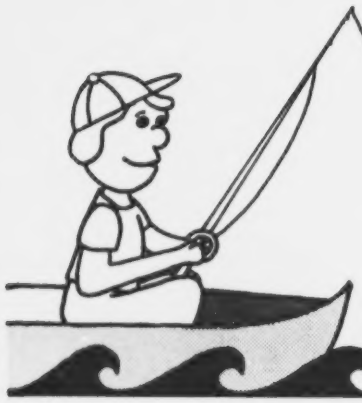
Did you have a good day? _____

What do you really like to do on Saturday? _____

NAME _____ 26

NAME _____

SCHOOLS ARE FOR FISH



Each fishing line can catch a fish.
Do each problem and connect
each line to the right fish.

94 -26	37 -18	781 -298	45 -27	123 -49	66 -49	84 -57	62 -19	90 -43	342 -128	83 -45	443 -69	80 -35	464 -229

38 18 47 235 43 68 27 74 214 45 483 19 374 17

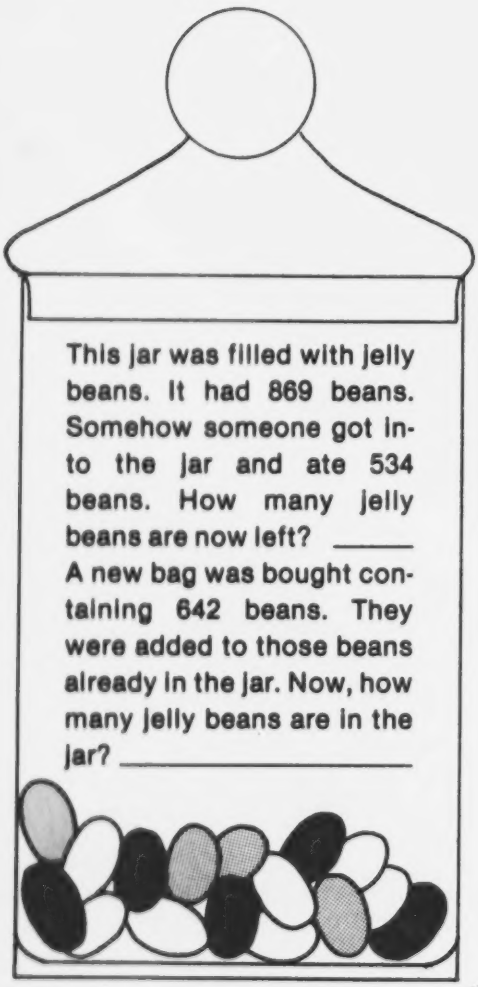
CANDY!

Lollipops are yummy.

How many cherry? _____
How many grape? _____
How many orange? _____
(must add up)

I bought a bag filled with 753 lollipops. 431 were chocolate. How many did the other flavors contain?

My candy drawer had 12 chocolate bars, 16 granola bars, and 14 raisin clusters. I noticed 5 chocolate bars, 3 granola bars, and 2 raisin clusters were missing. How many were left? _____



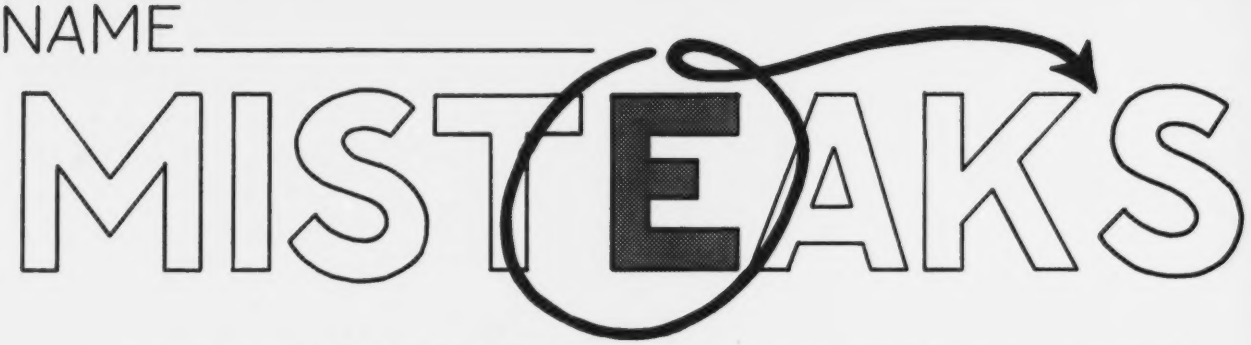
This jar was filled with jelly beans. It had 869 beans. Somehow someone got into the jar and ate 534 beans. How many jelly beans are now left? _____
A new bag was bought containing 642 beans. They were added to those beans already in the jar. Now, how many jelly beans are in the jar? _____

There were 452 chocolate kisses and 234 caramels in the bag. How many pieces of candy were there all together? _____ Your basket will only hold 444 pieces. How many would not fit? _____

NAME _____

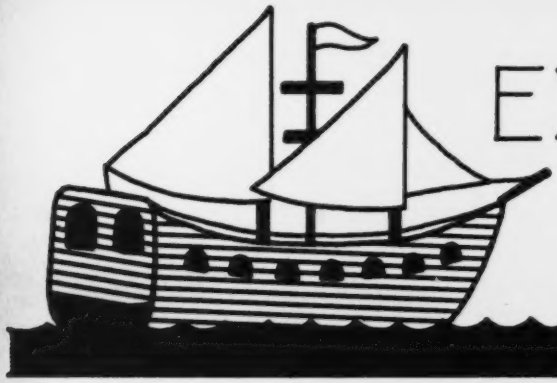
28

NAME _____

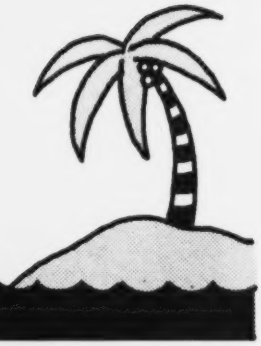


There are 15 mistakes in the following equations. Cross out each wrong answer and put in the right one.

36 + 42 = 78	98 − 63 = 36	7 + 8 = 15	13 − 7 = 5	802 + 165 = 967
582 − 149 = 423	648 + 39 = 788	6 + 9 = 15	12 − 3 = 8	14 − 6 = 7
31 + 54 = 85	482 + 145 = 527	93 − 47 = 56	8 + 7 = 16	16 − 7 = 9
283 + 196 = 469	26 + 17 = 42	43 + 25 = 68	142 − 61 = 81	363 − 190 = 183
342 − 21 = 321	5 + 7 = 13	15 − 8 = 6	343 + 169 = 512	11 − 7 = 5



EXPLORING IN MATH



Fill in using your $>$, $<$, or = signs.

a) 3 dimes 4 pennies _____ 4 dimes 3 pennies
b) 2 pennies 6 dimes _____ 1 quarter
c) 3 quarters 1 dime _____ 2 quarters 7 nickels
d) 3 nickels 2 dimes _____ 17 pennies
e) 5 dimes 1 nickel _____ 2 quarters 5 pennies
f) 8 dimes 2 nickels _____ 3 quarters

g) 25 inches _____ 2 feet
h) 1 foot 15 inches _____ 1 yard
i) 3 feet 12 inches _____ 1 yard 1 foot
j) 16 inches _____ 1 foot 4 inches

k) 1 hour 7 minutes ___ 2 hours
l) 120 minutes _____ 2 hours
m) 30 hours ____ 1 day 7 hours
n) 12 hours _____ ½ day

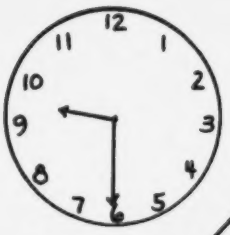
EXPLORER'S KEY

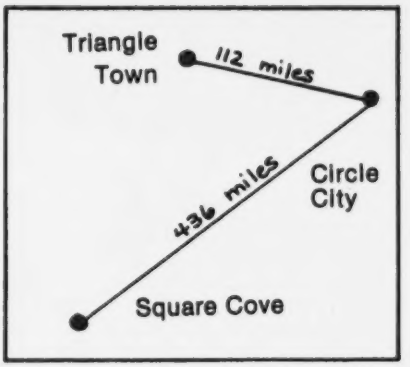
1 penny = 1¢
1 nickel = 5¢
1 dime = 10¢
1 quarter = 25¢
12 inches = 1 foot
3 feet = 1 yard
60 minutes = 1 hour
24 hours = 1 day

NAME _____

30

THE THINKER





NAME _____

Use the above pictures to figure out the answers to these questions.

1) You are going on a trip. You forgot to buy a map and a pencil. How much money do you need to buy them both? _____

2) Your father gave you 75¢. Is that enough money? _____ If not, how much more money do you need to buy the two things? ____

3) You live in Square Cove, and you want to go to Triangle Town. What city do you pass through? _____. How many miles do you have to go? _____

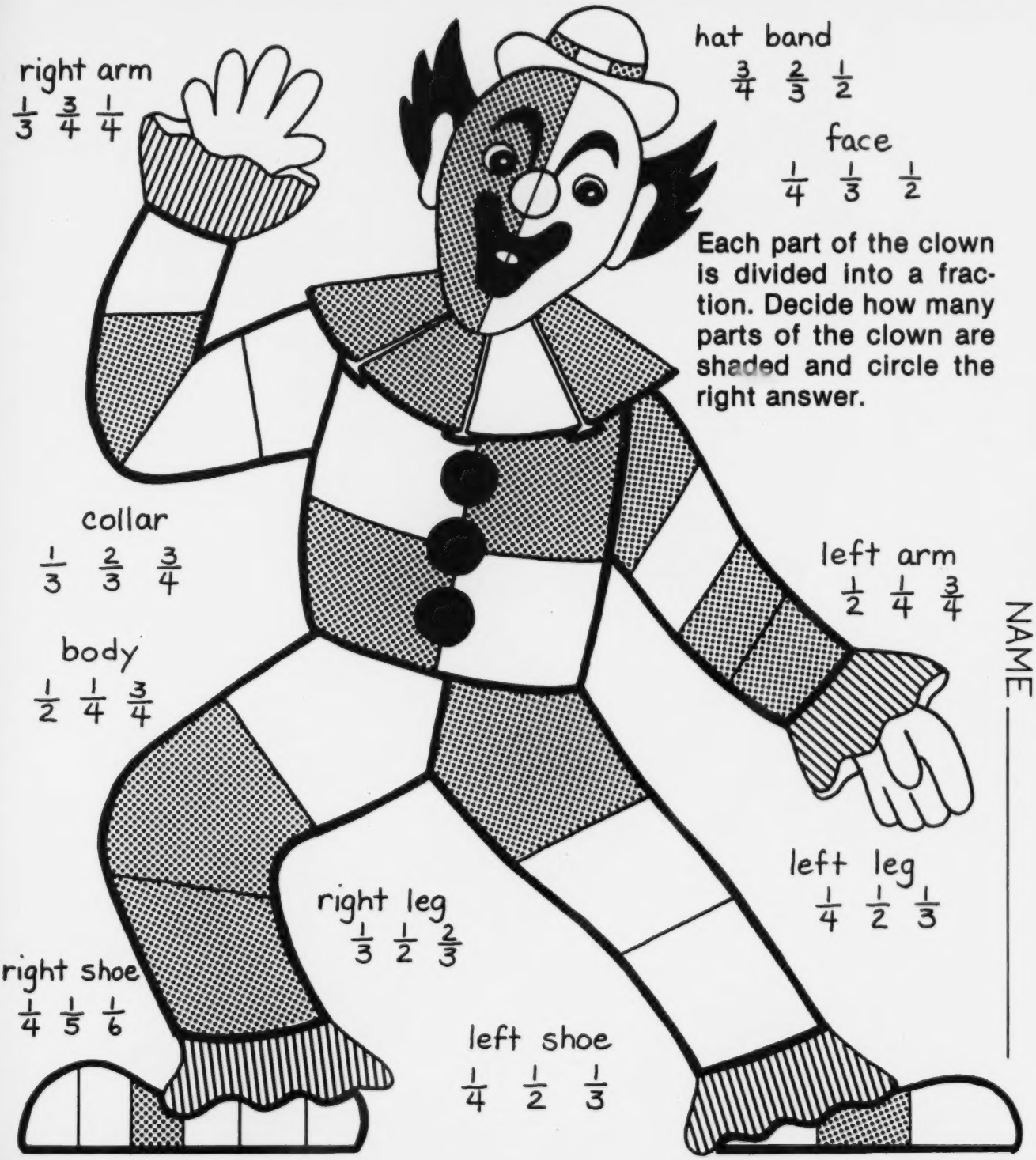
4) Mom says that the distance between Square Cove and Triangle Town is 529 miles. Does your map say the same? _____. What is the difference between the two distances? _____.

5) You are going to leave by 9:30 a.m. and hope to get there by 4:00 p.m. How many hours will you have to travel? _____.

6) If you stop for lunch for 30 minutes, if you stop to take a walk for 45 minutes, and then you stop for gas for another 10 minutes, how many minutes did you spend off the road? _____

7) Finally, you have arrived at the hotel. You rent a room for $42. You buy dinner for $7. How much money have you spent? _____ You started with $65. How much money do you have left? _____

CLOWN·A·ROUND



hat band
$\frac{3}{4}$ $\frac{2}{3}$ $\frac{1}{2}$

face
$\frac{1}{4}$ $\frac{1}{3}$ $\frac{1}{2}$

right arm
$\frac{1}{3}$ $\frac{3}{4}$ $\frac{1}{4}$

Each part of the clown is divided into a fraction. Decide how many parts of the clown are shaded and circle the right answer.

collar
$\frac{1}{3}$ $\frac{2}{3}$ $\frac{3}{4}$

left arm
$\frac{1}{2}$ $\frac{1}{4}$ $\frac{3}{4}$

body
$\frac{1}{2}$ $\frac{1}{4}$ $\frac{3}{4}$

NAME _____

left leg
$\frac{1}{4}$ $\frac{1}{2}$ $\frac{1}{3}$

right leg
$\frac{1}{3}$ $\frac{1}{2}$ $\frac{2}{3}$

right shoe
$\frac{1}{4}$ $\frac{1}{5}$ $\frac{1}{6}$

left shoe
$\frac{1}{4}$ $\frac{1}{2}$ $\frac{1}{3}$

IT'S A-MAZE-ING

HELP! This child is lost. Help find the path home by finding all the answers between 100 - 200.

82
- 27

146
- 93

76
+ 18

194
+ 35

747
- 532

324
- 152

165
+ 101

56
+ 45

401
- 215

133
+ 54

944
- 842

NAME _____

YOU'RE THE COOK

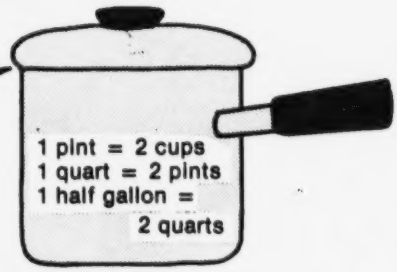


Figure out the clues and answer the questions, too!

I need 2 pints (= _____ cups) of hot water. I need 1 pint (= _____ cups) of fruit juice. I need a package of red _____. Let me chill in the refrigerator. What am I? _____.

I come from a mix. All you need to do is beat me with an egg and butter. Then you can bake me and ice me. I do not need 2 cups (= _____ pints) of water or 4 quarts (= _____ pints) of milk. What am I? _____.

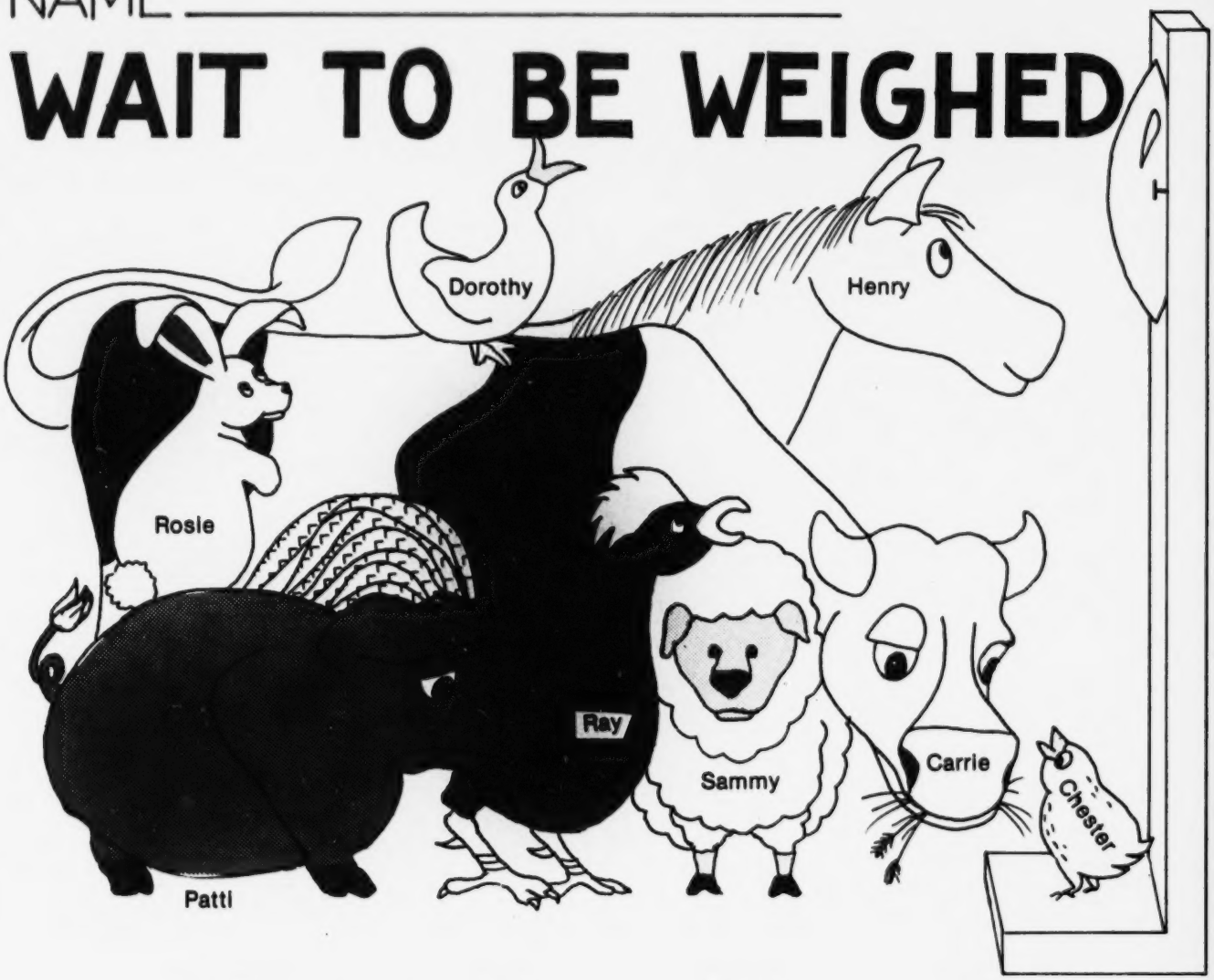
I want 2 quarts (= _____ pints) of chocolate ice cream. I need 4 pints (= _____ cups) of milk. Put me in the blender and mix me up. What am I? _____.

I don't need 2 half gallons (= _____ quarts) of milk. I don't need 5 pints (= _____ cups) of water. I only need eggs, flour, sugar, butter and chocolate chips. Drop me by teaspoonfuls and bake me. What am I? _____.

NAME

NAME _____

WAIT TO BE WEIGHED



Patti 231 lbs.	Ray 11 lbs.	Carrie 834 lbs.	Rosie 7 lbs.
Henry 957 lbs.	Sammy 182 lbs.	Dorothy 9 lbs.	Chester 5 lbs.

The animals decided to go on a diet. Let's see what happened.

1) Rosie Rabbit, Dorothy Duck and Chester Chick decided to weigh in together. How much did the three of them weigh together? _____ .

2) Henry knew he was heavier than Carrie. How much heavier was Henry? _____.

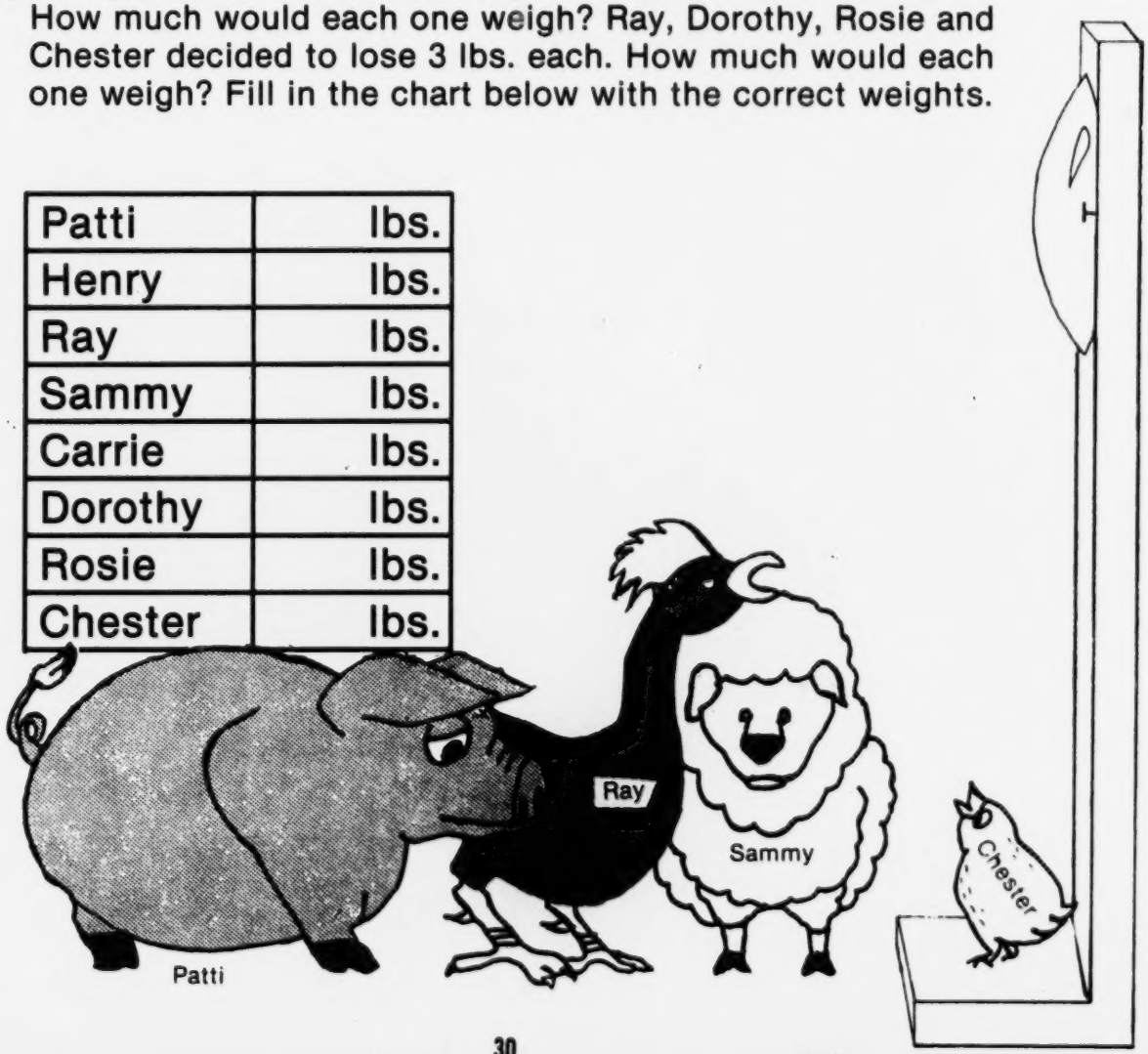
3) Now Sammy was getting his feelings hurt. He felt that Patti's and Dorothy's combined weights would match his weight. What was Patti's and Dorothy's combined weight? _____. What was the difference between Sammy's, and Patti's and Dorothy's combined weight? _____.

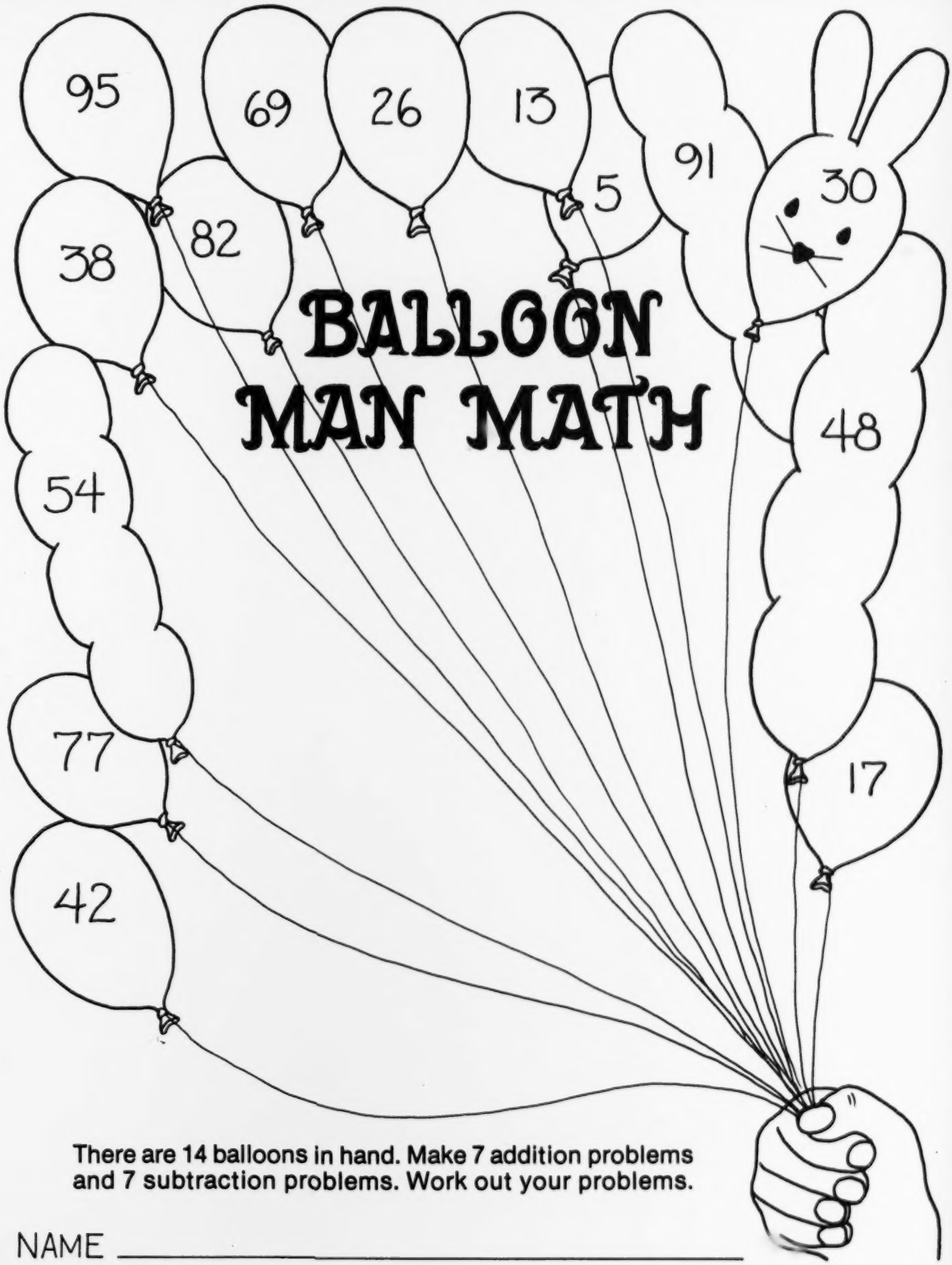
4) How much would Sammy weigh if he doubled his weight? _____. How much more would he weigh than Patti? _____.

5) Rosie and Dorothy felt their combined weight equaled the combined weight of Chester and Ray. Is that true? _____. What did each pair weigh?_____.

6) Henry, Carrie, Patti and Sammy decided to lose 25 lbs. each. How much would each one weigh? Ray, Dorothy, Rosie and Chester decided to lose 3 lbs. each. How much would each one weigh? Fill in the chart below with the correct weights.

Patti	lbs.
Henry	lbs.
Ray	lbs.
Sammy	lbs.
Carrie	lbs.
Dorothy	lbs.
Rosie	lbs.
Chester	lbs.

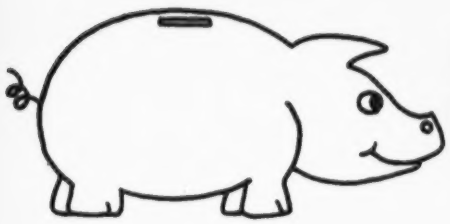




BALLOON MAN MATH

There are 14 balloons in hand. Make 7 addition problems and 7 subtraction problems. Work out your problems.

NAME _____



Bank On It!

NAME _____

You have $95.00 in your bank account. There are a few things you want. Figure out how much money you may spend.

1) Yesterday you saw a new video game for $54.00. How much money would you have left if you bought the game? _____

2) Today your best friend asked you to split a ticket to Seven Flags. A ticket costs $20.00 for 2 people. How much would you spend? _____ Remember, yesterday you spent _____ on your game; now today you spent _____. Now figure how much you have left in your bank account _____.

3) Then by mistake you hit a window with your tennis ball. Mom said you have to pay for it. It's going to cost another $21.00. Now how much do you have left? _____.

4) With only _____ left, you have decided to buy 3 candy bars for $2.00, 6 packs of gum for $4.00, 2 water pistols for a total of $2.00, a frisbee for $2.00, and 2 packs of baseball cards for $1.00. How much do all these things cost?_____ If too much, what can't you buy? _____
How much money do you have left in your bank account? _____

5) If you had the $95.00, what would you do with this money? _____
_____

NAME _____

THE PUZZLER

ACROSS

1) thirty-six + twenty-two
3) nine hundred ninety-seven — five hundred twenty-one
4) seven hundred eighty-nine — five hundred fifty-four
6) two thousand six hundred thirty-four + five thousand three hundred sixty-three
8) fifty-two + two hundred eleven
10) twenty-six + twelve
12) one thousand one hundred ninety-eight — six hundred
13) forty-four + twenty-two + twenty-two
14) five hundred twenty-one + two hundred forty-two
16) one hundred nine — sixty-one
18) one thousand four hundred sixty-five — seven hundred twenty-four
19) one thousand two hundred ninety-six — six hundred forty-two

DOWN

2) five hundred thirty + three hundred twelve
4) one thousand four hundred twenty-two + one thousand two hundred twenty-one
5) one thousand eighty-six — five hundred fifteen
7) nine thousand eight hundred seventy-eight — four hundred fifty
9) ten + ten + fourteen
11) one thousand seven hundred ninety-nine — nine hundred ninety
12) thirty-four + twenty-four
13) sixteen thousand six hundred ninety-five — eight thousand one hundred twenty-three
15) seventeen + eighteen
17) six hundred twenty-one + two hundred sixty
18) four hundred two + three hundred four
20) two thousand six hundred fifty-three + two thousand two hundred forty-four

NAME _____

CAUTION STUDENTS AT WORK

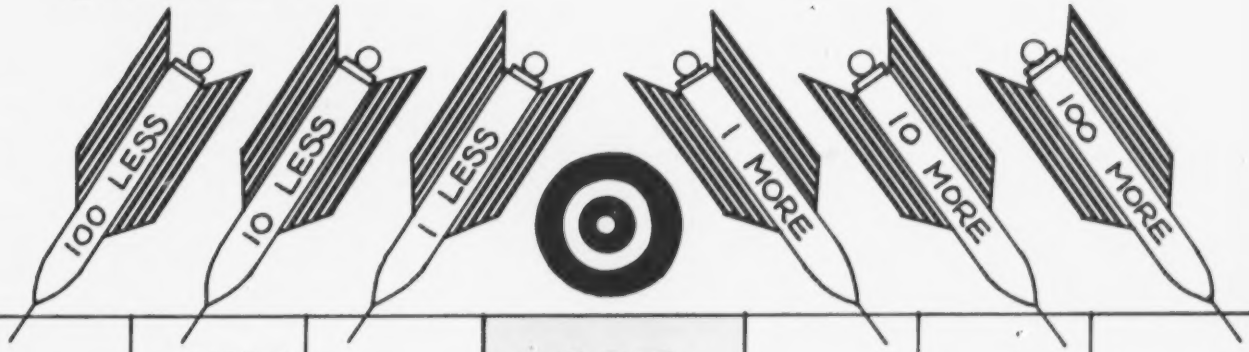
Do the problems! Use $>$, $<$, or $=$.

1.	$84 + 76$	◯	$256 - 96$	2. $576 + 394$	◯	$452 + 467$
3.	$973 + 165$	◯	$345 + 872$	4. $693 + 279$	◯	$193 + 221$
5.	$56 - 39$	◯	$65 - 48$	6. $731 - 387$	◯	$823 - 549$
7.	$97 + 56$	◯	$426 - 289$	8. $543 + 796$	◯	$18,542 - 9,461$
9.	$208 - 119$	◯	$143 - 94$	10. $4,863 + 2,964$	◯	$5,535 + 2,292$

NAME _____

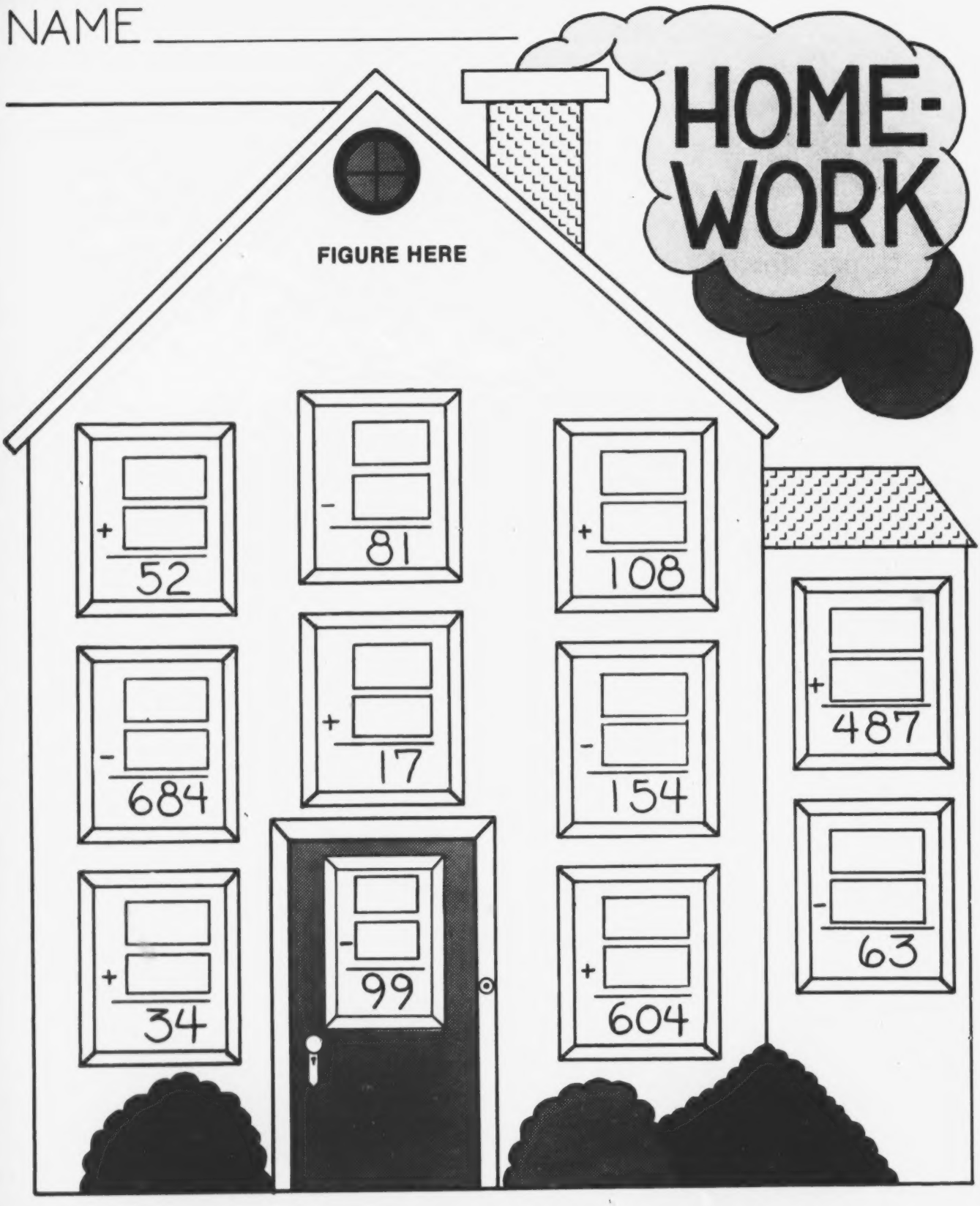
dart chart

Study the chart and fill in the answers. See if you can figure it out!



	277		287			
			735		745	
			342			442
		808	809			
474			574			
			999			
			421	422		
			653			

NAME _____



Every problem has an answer. Make up a problem to go with the answer. Watch the signs. 42

DO YOUR OWN THING

NAME _____

Do 6 addition and subtraction problems without regrouping.	Write 4 money and time problems.
Write 2 word problems.	Do 6 addition and subtraction problems with regrouping.

Now ask your teacher to Xerox your sheet and pass it around the class.

SUPER SPECIALS

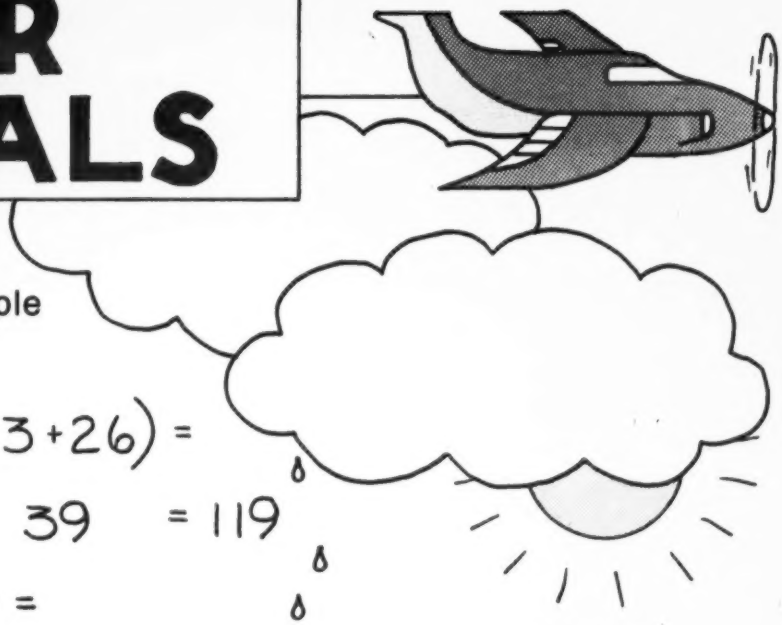


Figure out how to do the problems. Use the example to help you.

$(46 + 34) + (13 + 26) =$

$80 + 39 = 119$

1. $(21 + 54) + (76 - 22) =$
2. $(94 - 43) + (65 - 33) =$
3. $(48 + 21 + 32) + (84 - 13) =$
4. $(87 - 59) + (36 - 27) + 4 =$
5. $45 + \square + 63 = 159$
6. $38 + (94 + \square) = 187$
7. $\square + (56 - 32) = 98$
8. $(94 - 31) + \square = 146$

FIGURE HERE

NAME _____

TASK MASTER

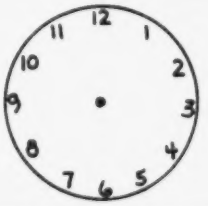
NAME _____

Each section below is a review. Good luck!
Hope you had fun!

9	6	3	8	7	8	5	4	15	12
+4	+5	+7	+6	+9	+7	+8	+8	-9	-3
12	14	17	13	16	11	15	12	16	14
-8	-6	-9	-4	-6	-4	-7	-5	-9	-8

(25) (10) (5) (5) = _____ ¢

(10) (10) (5) (5) (1) (1) = _____ ¢



7:20

42	64	92	32	85	72	87	58	48	94
+35	+25	+17	+36	+10	-51	-64	-36	-24	-23

47	65	84	379	146	42	74	64	242	628
+53	+79	+49	+128	+195	-38	-29	-17	-36	-329

1) The magician started with 1760 small pebbles. He waved his wand, and now there are only 435 rocks left. How many pebbles disappeared? _____.

2) The magician asked three people in the audience to think of numbers. The total amounted to 78. Name the three numbers that the people had in their minds. _____.

ANSWERS

PAGE 1
0 = 2
1 = 2
2 = 3
3 = 3
4 = 3
5 = 2
6 = 5 (9's and 6's look alike.)
7 = 3
8 = 3
9 = 5 (9's and 6's look alike.)

PAGE 2
6= 4+2, 3+3
11= 2+9, 7+4, 5+6
7= 4+3, 5+2
9= 5+4, 2+7, 8+1
5= 3+2, 4+1
8= 5+3, 4+4, 2+6
10= 2+8, 3+7, 6+4

PAGE 3
9+7, 19−3 = 16
14−5, 16−7 = 9
12−5, 16−9 = 7
4+2, 13−7 = 6
8+5, 6+7 = 13
6+5, 8+3 = 11
10+5, 18−3 = 15
16−6, 7+3 = 10

PAGE 4
1. 8
2. 14
3. 17
4. 39
5. 43
6. 67
7. 75
8. 95
9. 106
10. 225
11. 226
12. 382
13. 422
14. 501
15. 632
16. 780
17. 894
18. 999
19. 1002
20. 1542

PAGE 5
8+7 = 15 (16)
9+3 = 12 (11)
8+4 = 12 (14)
5+7 = 12 (13)

PAGE 6
Counting by three's.

PAGE 7

-18	+ 9	-14	-13
9	14	9	7
15	17	7	4
14	15	6	10
17	13	4	8
+ 6	+ 8	-12	+ 5
10	11	9	8
15	17	4	14
11	14	7	12
13	12	11	6

PAGE 8
I think this math book is fun!

PAGE 9
Pictures will vary.

PAGE 10
1. 40¢ c and d
2. 37¢ c and e
3. 19¢ a and e
4. 22¢ a and d
5. 32¢ c and a
6. 24¢ b and d
7. 16¢ a and b
8. 41¢ a, b and c

PAGE 11

apple -
7 + 8 = 15
9 − 6 = 3
8 + 8 = 16
9 − 5 = 4

banana -
11 − 2 = 9
14 − 6 = 8
5 + 8 = 13
8 + 8 = 16

pear -
15 − 7 = 8
6 + 9 = 15
12 − 4 = 8
4 + 8 = 12
8 + 3 = 11

orange -
17 − 8 = 9
11 − 5 = 6
13 − 6 = 7
6 + 9 = 15
8 + 5 = 13

PAGE 12
a. 8:15
b. 11:25
c. 12:10
d. 2:30
e. 5:55
f. 7:20
g. 9:40
h. 10:00

PAGE 13
a. 92, 91, 90, 89, 88, 87
b. 57, 58, 59, 60, 61, 62
c. 10, 11, 12, 13, 14, 15, 16
d. 137, 237, 337, 437, 537, 637
e. 392, 393, 394, 395, 396, 397
f. 801, 791, 781, 771, 761, 751,
g. 868, 867, 866, 865, 864, 863
h. 50, 100, 150, 200, 250, 300
i. 438, 440, 442, 444, 446, 448
j. 746, 756, 766, 776, 786, 796
k. 898, 899, 900, 901, 902
l. 101, 102, 103, 104, 105, 106

PAGE 14

45 = 17 + 28
23 + 22
9 + 36

62 = 22 + 40
35 + 27
19 + 43

56 = 29 + 27
41 + 15

78 = 19 + 59
44 + 34

81 = 65 + 16
37 + 44
23 + 58

PAGE 15

Gate 2¼ in.
6 cm
Door 2 in.
5 cm

House 4½ in.
11.5 cm
Tree 3¾ in.
9.5 cm

PAGE 16
76 − 24 = fifty-two
62 + 15 = seventy-seven
99 − 45 = fifty-four
67 − 35 = thirty-two
38 + 51 = eighty-nine
11 + 17 = twenty-eight
87 − 24 = sixty-three
79 − 26 = fifty-three
64 + 24 = eighty-eight
33 + 54 = eighty-seven
37 + 42 = seventy-nine

PAGE 17

1) 150 miles
2) 490 miles, Bluebird Desert
3) Pigeon Resort, 150 miles
4) Woodpecker Wasteland to Cardinal City to Lake Robin 330 miles.

PAGE 18

eleven thirty

five minutes after seven

ten minutes to one

quarter to two

ten minutes after five

five minutes to six

PAGE 19

34 + 5 = 39
34 + 465 = 499
34 + 72 = 106
34 + 504 = 538
34 + 30 = 64
34 + 631 = 665
34 + 83 = 117
34 + 241 = 275
34 + 61 = 95
34 + 324 = 358
34 + 53 = 87
34 + 152 = 186

PAGE 20

8:00
75¢ (Answers will vary.)

10:30
10¢ (Answers will vary.)
65¢

11:45
34¢ (Answers will vary.)
31¢

1:05
30¢ (Answers will vary.)

2:05
1¢

PAGE 21

94 − 26 = 68	37 − 18 = 19	781 − 298 = 483	45 − 27 = 18
123 − 49 = 74	66 − 49 = 17	84 − 57 = 27	62 − 19 = 43
90 − 43 = 47	342 − 128 = 214	83 − 45 = 38	443 − 69 = 374
80 − 35 = 45	464 − 229 = 235		

PAGE 22

lollipops - 322
jelly beans - 335, 977
chocolate bars - 32
chocolate kisses - 686, 242

PAGE 23

98 − 63 = 35	13 − 7 = 6	582 − 149 = 433	648 + 39 = 787
12 − 3 = 9	14 − 6 = 8	482 + 145 = 627	93 − 47 = 46
8 + 7 = 15	283 + 196 = 479	26 + 17 = 43	363 − 190 = 173
5 + 7 = 12	15 − 8 = 7	11 − 7 = 4	

PAGE 24

a) <
b) >
c) =
d) >
e) =
f) >
g) >
h) <
i) =
j) =
k) <
l) =
m) <
n) =

PAGE 25

1) 87¢
2) no, 12¢
3) Circle City, 548 miles
4) no, 19 miles
5) 6½ hrs.
6) 85 minutes
7) $49.00, $16.00

PAGE 26

right arm ¼
collar ¾
body ½
right shoe 1/6
right leg ⅔
hat band ⅔
face ½
left arm ¾
left leg ⅓
left shoe ⅓

PAGE 27

172
187
101
102
186

PAGE 28

2 pts. = 4 cups
1 pt. = 2 cups
Jell-O, Jell-O

2 cups = 1 pt.
4 qts. = 8 pts.
cake

2 qts. = 4 pts.
4 pts. = 8 cups
milk shake

2 half gallons = 4 qts.
5 pts. = 10 cups
chocolate chip cookies

PAGES 29 - 30

1) 21 lbs.
2) 123 lbs. heavier
3) 240 lbs., 58 lbs.
4) 364 lbs.,133 lbs.
5) Yes, 16 lbs.
6) Henry - 932 lbs.
   Carrie - 809 lbs.
   Patti - 206 lbs.
   Sammy - 157 lbs.
   Ray - 8 lbs.
   Dorothy - 6 lbs.
   Rosie - 4 lbs.
   Chester - 2 lbs.

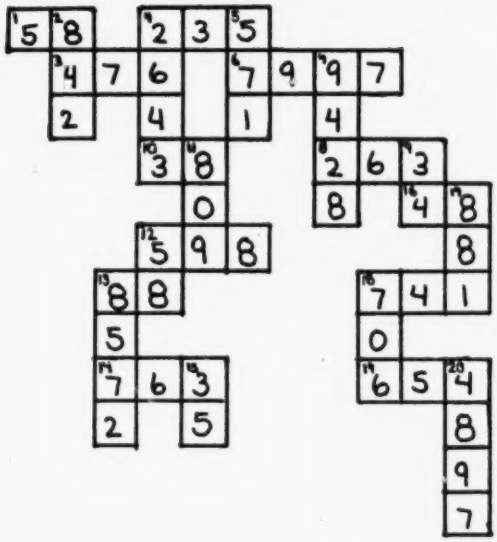
PAGE 31

Answers will vary.

PAGE 32

1) $41.00
2) $10.00, $54.00
   $10.00, $31.00
3) $10.00
4) $10.00, $11.00, baseball cards, 0

PAGE 33



PAGE 34

1. 160 = 160
2. 970 > 919
3. 1138 < 1217
4. 972 > 414
5. 17 = 17
6. 344 > 274
7. 153 > 137
8. 1339 < 9081
9. 89 > 49
10. 7827 = 7827

PAGE 35

100 less	10 less	1 less	1 more	10 more	100 more
187	277	286	288	297	387
635	725	734	736	745	835
242	332	341	343	352	442
709	799	808	810	819	909
474	564	573	575	584	674
899	989	998	1000	1009	1099
321	411	420	422	431	521
553	643	652	654	663	753

PAGE 36

Answers will vary.

PAGE 37

Answers will vary.

PAGE 38

1. 129
2. 83
3. 172
4. 41
5. 51
6. 55
7. 74
8. 83

PAGE 39

13, 11, 10, 14, 16, 15, 13, 12, 6, 9,
4, 8, 8, 9, 10, 7, 8, 7, 7, 6

45¢
32¢

77, 89, 109, 68, 95, 21, 23, 22, 24, 71,
100, 144, 133, 507, 341, 4, 45, 47, 206, 299

1) 1325 pebbles
2) Answers may vary.

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